

## Preliminary Schedule for the Session on Future DIS 2012 - Version 2

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Tuesday Sessions: 90min + 90min + 120min + 90min

Wednesday Sessions: 90min + 90min + 120min + 90min

Thursday Sessions: 90min + 90 min

Tuesday:

1. 09.00 - 10.30

Session: LHC upgrades:

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|--|------------------|
| a. The ATLAS Upgrade Programme<br>20+5 | Speaker TBC      |
| b. The CMS Upgrade Programme<br>20+5   | Speaker TBC      |
| c. The ALICE Upgrade Programme<br>20+5 | Thomas Peitzmann |
| d. Talk LHCb Upgrade Programme<br>20+5 | Speaker TBC      |

[Slightly reduced coffee break]

2. 11.00 - 12.30

Session: Future DIS experiments

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|--|---------------------|
| a. DIS at MINERvA<br>20+5  | Speaker TBC         |
| b. Impact of future neutrino experiments to DIS<br>20+5          | Jorge G Morfin      |
| c. The E-906/SeaQuest experiment at Fermilab<br>Illinois<br>20+5 | Markus Diefenthaler |
| d. Future Programme of COMPASS at CERN<br>20+5                   | Gerard Mallot CERN  |

[Slightly reduced lunch break]

3. 14.00 - 16.00

Session: combined with SPIN

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|---|---------------------|
| a. Status of TMDs and impact of an EIC<br>20+5                      | Feng Yuan LBL       |
| b. gluon sivers<br>and experimental considerations for TMDs<br>20+5 | Tom Burton BNL      |
| c. GPDs experimental<br>20+5  | Salvatore Fazio BNL |
| d. GPD fitting of world data and eic pseudo data<br>20+5            | Dieter Mueller      |
| e. Helicity PDFs at an EIC: quantitative appraisal<br>20+5          | Marco Stratmann     |

4. 16.30 - 18.00

Session: 12 GeV Upgrade at JLab:

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|---|---------------------|
| a. Status of HallD tagged photon beam facility and the GlueX detector<br>Beni Zihlmann Jlab      20+5 |                     |
| b. The CLAS12 Physics Program<br>20+5   | Keith Griffioen WMU |
| c. Precision Polarized SIDIS in Hall-A<br>at 12 GeV JLab<br>20+5                                      | Kalyan Allada JLab  |
| d. Hall-C<br>20+5   | Speaker TBC         |

Wednesday:

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5. 09.00 - 10.30

Session: Heavy Ions / RHIC

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|--|-------------------|
| a. Medium-induced soft gluon radiation in the<br>quark scattering process without color transfer<br>in t-channel<br>15+5 | Hao Ma            |
| b. PHENIX Upgrade Plans for the Next Decade<br>20+5  | Kieran Boyle RBRC |

c. The STAR Experiment: The second decade and beyond    Matt Lamont BNL

6. 12.30 - 14.00

Session: Accelerator and Instrumentation at EIC / LHeC

a. ePHENIX for eRHIC  
15+5

Sasha Bazilevsky BNL

### b. LHeC Linac-Ring and Ring-Ring

## Accelerator Designs

Daniel Schulte

35+5

### c. LHeC Interaction Region

Rogelio Tomas Garcia

25+5

7. 14.00 - 16.00

Session: Accelerator and Instrumentation at EIC / LHeC

a. The LHeC Central Detector

Alessandro Polini (tbc)

b. Forward / Backward Detectors at an LHeC  
15+5

Armen Bunyatyan

c. ELIC machine design  
20+5

Ed Nissen JLab

#### d. Accelerator Design of High

Luminosity Electron-Hadron Collider eRHIC  
20+5

Vadim Pitsyn BNL

8. 16.30 - 18.00

Session: Accelerator and Instrumentation at EIC / LHeC

a. Detector and IR design covering also R&D for ELIC

JLab speaker

 $20+5$ 

### b. An eRHIC Detector: Design Consideration

and its Realization by Means of Detector R&D Klaus Dehmelt SBU

20+5

c. Higgs sensitivity at LHeC

15+5

Rohini Godbole

Thursday:

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9. 09.00 - 10.30

Session: Physics at Future ep / eA Facilities and their Context

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a. Overview of low x physics with  
electrons, protons and ions

Carlos Salgado

30+5

b. Radiative corrections in ep and eA

Hubert Spiesberger Mainz

20+5

d. Low x Physics in eA scattering at an LHeC

Nestor Armesto

25+5

10. 11.00 - 12.30

Session: combined with Structure functions:

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b. Low x Physics in ep Scattering at an LHeC

Anna Stasto (Penn State)

25+5

a. QCD and Electroweak Physics at an LHeC

Olaf Behnke

25+5

c. low x, high x and fragmentation at an EIC

JH Lee (BNL)

20+5